

Converting Colors

CIELCh(93, 72.041, 104.396)

Have a look what the booklet for
CIELCh(93, 72.041, 104.396)
contains.

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Color

CIELCh(93, 72.163, 104.443)

Conversions

Conversions Part 1

Format	Color
Hex	F2F25C
RGB	242, 242, 92
RGB Percent	95%, 95%, 36%
CMY	0.0519, 0.0519, 0.6401
CMYK	0.00, 0.00, 0.62, 0.05
HSL	60°, 85%, 65%
HSV	60°, 62%, 95%
XYZ	70.1375, 82.9670, 22.3900
YIQ	224.9000, 48.1500, -46.6500

Conversions

Conversions Part 2

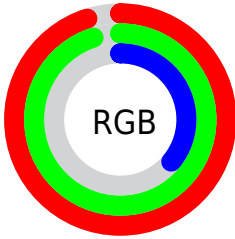
Format	Color
RYB	92, 242, 92
Decimal	15921756
CIELab	93.00, -18.00, 69.88
CIELCh	93, 72.163, 104.443
Yxy	82.9670, 0.3997, 0.4728
Android (android.graphics.Color)	4294111836 (0xFFFF2F25C)
YUV	224.9000, -65.5197, 14.9967
Hunter-Lab	91.0862, -21.9537, 49.1863

Details

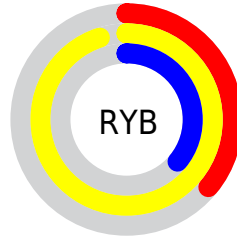
The CIELCh color **93, 72.163, 104.443** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **47, 87.283, 300.178**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 53.053, 106.118**, and **73, 72.043, 104.310** is the 20% darker color. If you saturate the color by 10%, you get **93, 80.835, 103.777**, and if you desaturate by 10%, it is **93, 62.019, 105.242**.

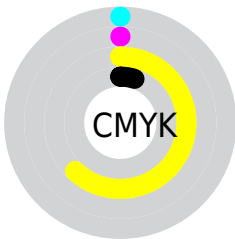
Distribution



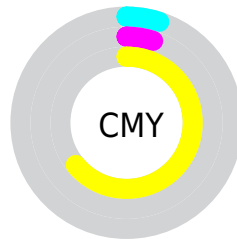
- Red (95%)
- Green (95%)
- Blue (36%)



- Red (36%)
- Yellow (95%)
- Blue (36%)



- Cyan (0%)
- Magenta (0%)
- Yellow (62%)
- Black (5%)



- Cyan (5%)
- Magenta (5%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 72.163, 104.443 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 93, 72.163, 104.443 by changing the saturation by 10% instead.


 93, 72.163,
104.443


 93, 72.163,
104.443


 100, 72.163,
104.443


 83, 72.163,
104.443

 73, 72.163,
104.443

 63, 72.163,
104.443

 53, 72.163,
104.443

 43, 72.163,
104.443

 33, 72.163,
104.443

 23, 72.163,

104.443

■ 13, 72.163,
104.443

■ 3, 72.163, 104.443

■ 93, 72.163,
104.443

■ 93, 72.163,
104.443

■ 93, 80.835,
103.777

■ 93, 62.019,
105.242

■ 93, 87.437,
103.278

■ 93, 50.910,
106.127

■ 93, 91.492,
102.976

■ 94, 39.202,
107.068

■ 93, 93.079,
102.860

■ 94, 27.139,
108.036

■ 95, 14.877,
109.012

■ 95, 2.517, 109.958

■ 96, 6.792, 290.717

■ 96, 6.792, 290.725

■ 96, 6.792, 290.734

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



93, 72.163, 104.443



47, 87.283, 300.178

Rectangle

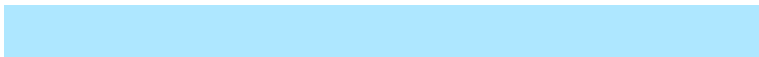
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 72.163, 104.443



93, 72.163, 154.443



93, 72.163, 284.443



93, 72.163, 334.443

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



93, 72.164, 104.445



99, 24.459, 108.328



59, 65.363, 28.197



53, 16.812, 108.048



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 72.164, 104.445



97, 85.858, 103.653



88, 78.497, 126.378



50, 6.974, 109.261



72, 75.720, 102.860



23, 31.945, 103.313

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47, 87.283, 300.178



42, 109.681, 302.859



54, 86.288, 312.191



46, 7.131, 291.171



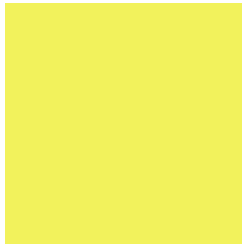
22, 104.555, 306.288



3, 37.809, 298.753

Previews

White Background



This preview shows how the CIELCh color 93, 72.163, 104.443 looks on a white background.

Color Contrast Check

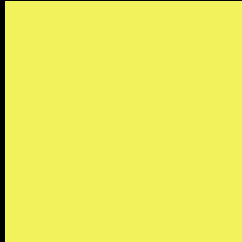
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 93, 72.163, 104.443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 72.163, 104.443

Background



This preview shows how black text looks on a background with the CIELCh color 93, 72.163, 104.443.



This preview shows how white text looks on a background with the CIELCh color 93, 72.163, 104.443.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
93, 72.163, 104.443

Protanopia
93, 45.826, 96.341

Deuteranopia
93, 17.503, 77.652

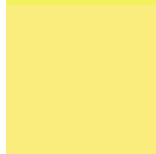


Tritanopia
93, 13.289, 339.105

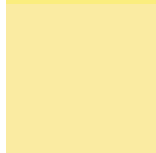
Trichromacy



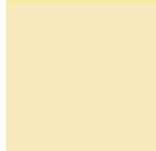
Original Color
93, 72.163, 104.443



Protanomaly
93, 55.728, 100.200



Deuteranomaly
93, 37.667, 98.060



Tritanomaly
92, 23.165, 90.983

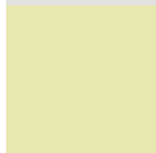
Monochromacy



Original Color
93, 72.163, 104.443



Achromatopsia
90, 0.011, 296.813



Achromatomaly
90, 27.721, 107.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 72.163, 104.443 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(242, 242, 92)` looks like.

```
.text, #text, p{  
    color:rgb(242, 242, 92)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 242, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 242, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 72.163, 104.443 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 242, 92) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(242, 242, 92) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(242, 242, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 242, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 242, 92);  
box-shadow:4px 4px 4px 4px rgb(242, 242,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 72.163, 104.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 242, 92) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
242, 92) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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